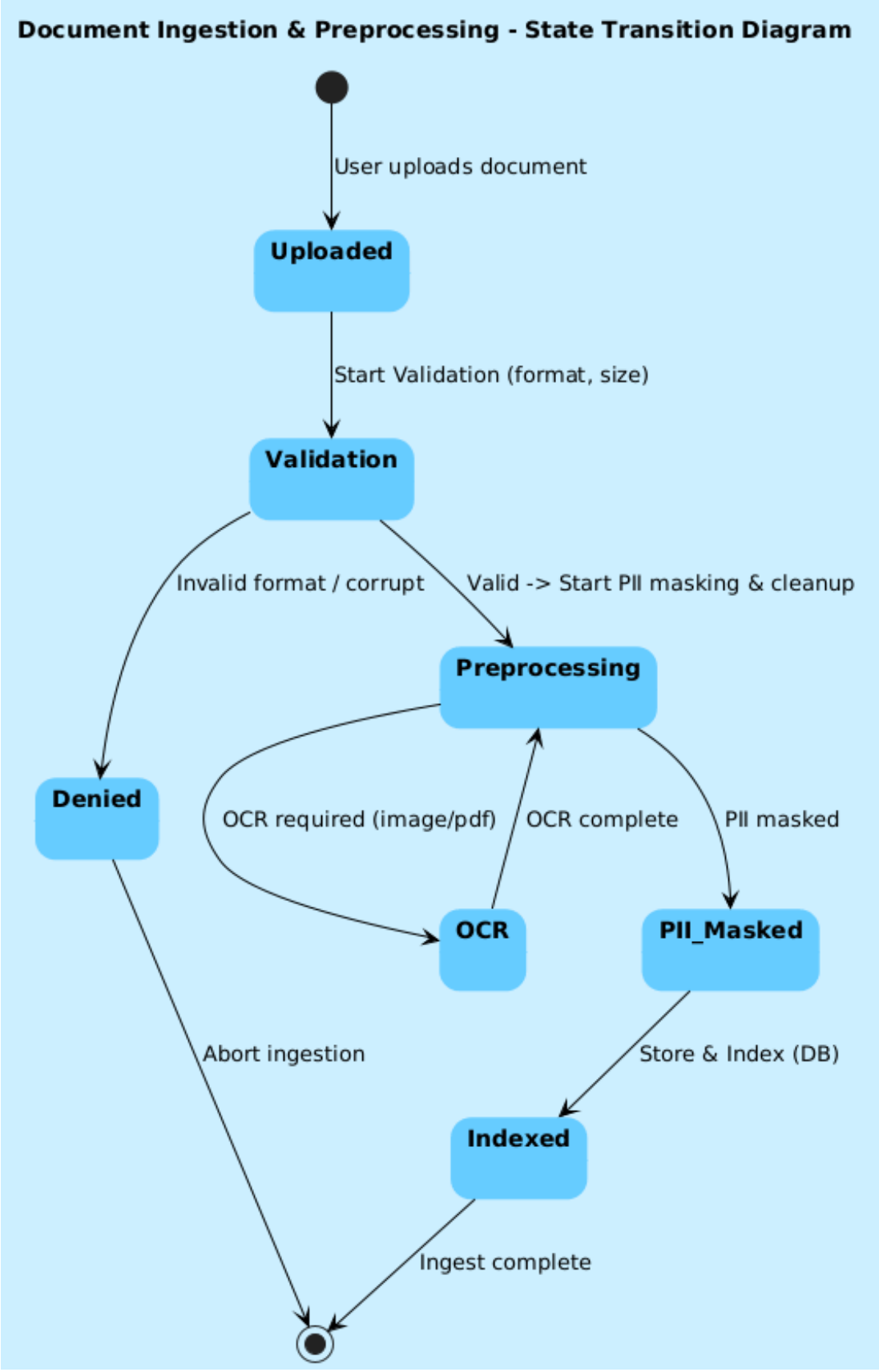
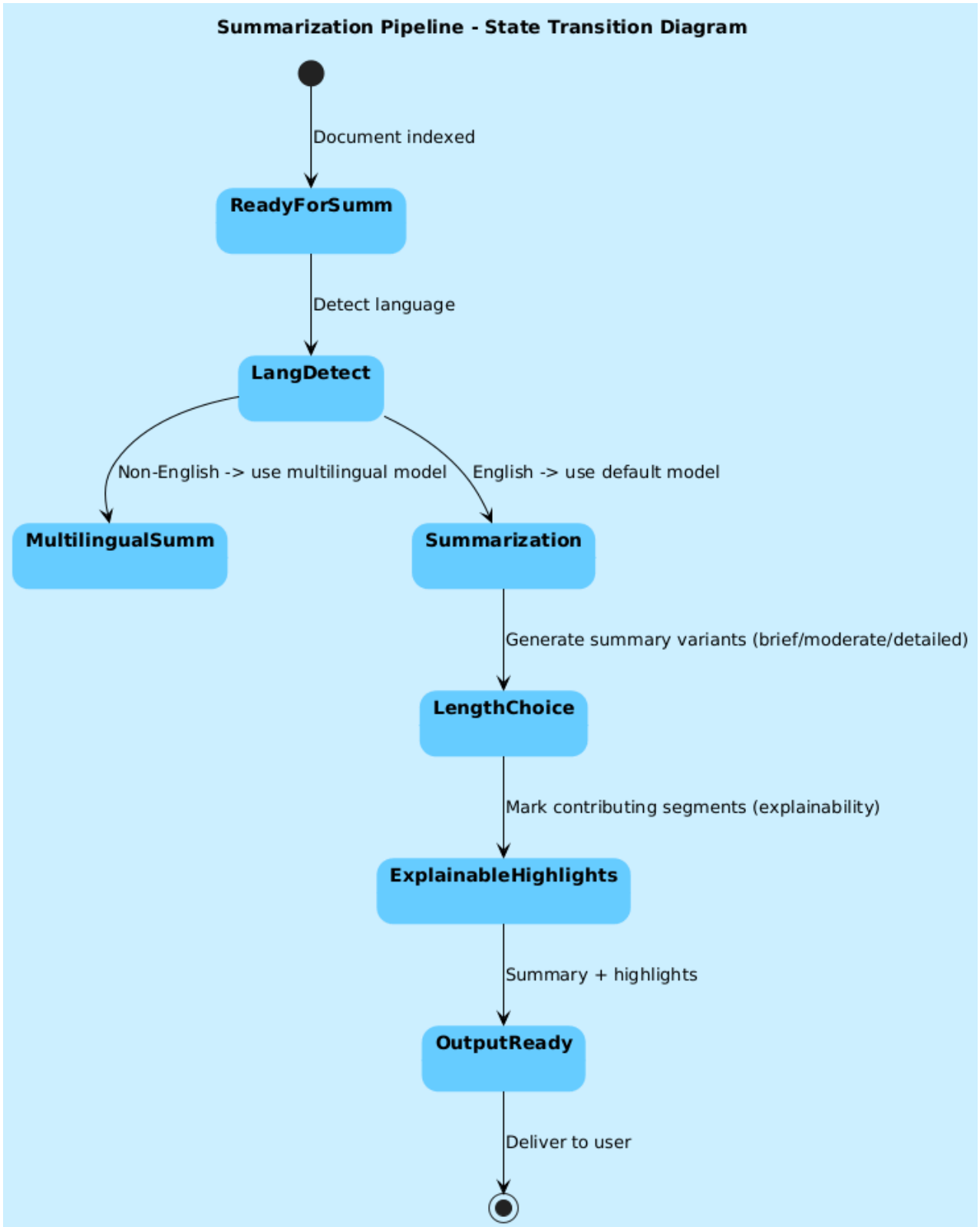
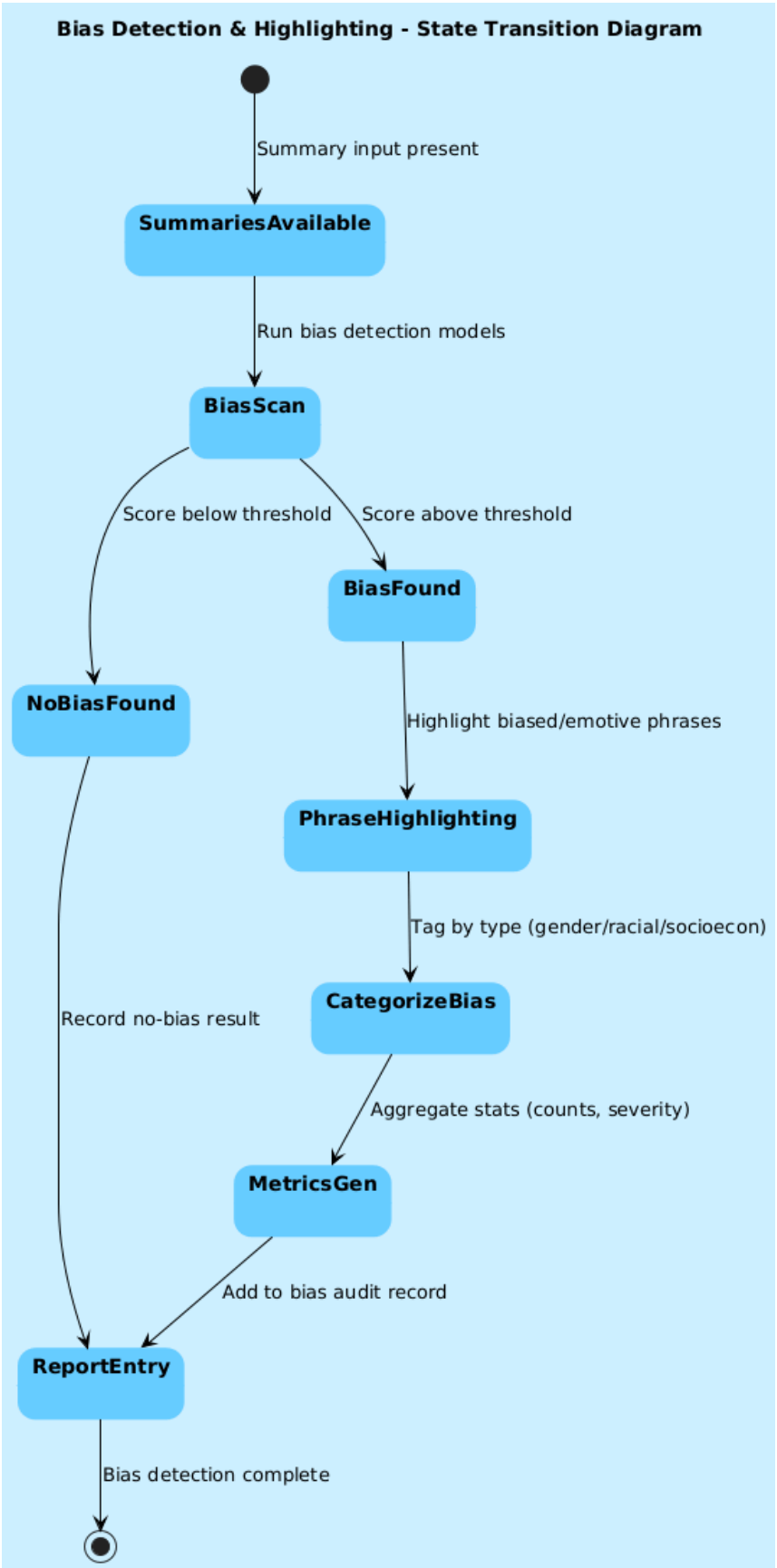
State transition diagram

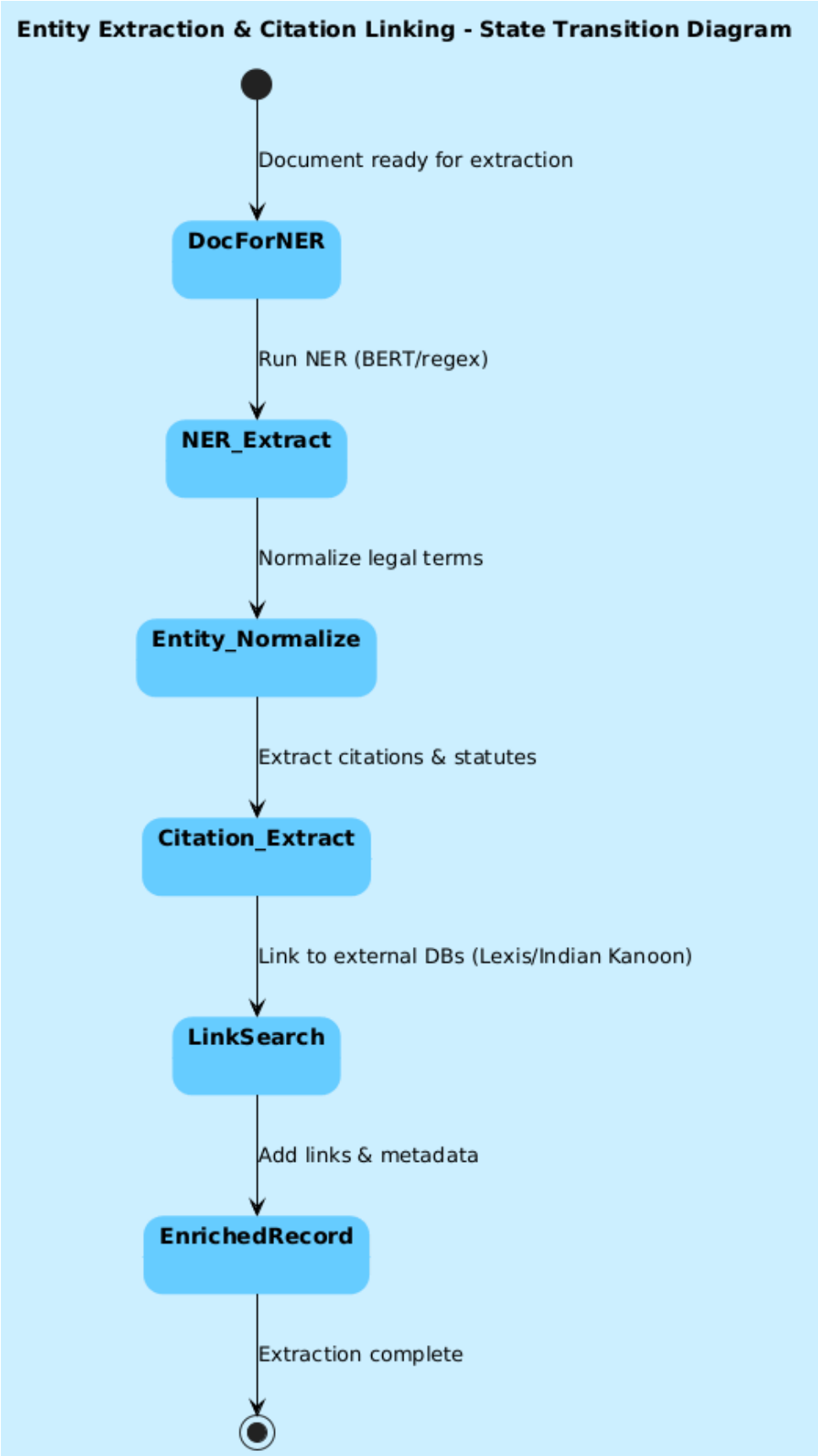



Summarization Pipeline - State Transition Diagram
Document indexed
ReadyForSumm
Detect language
LangDetect
Non-English -> use multilingual model
English -> use default model
MultilingualSumm
Summarization
Generate summary variants (brief/moderate/detailed)
LengthChoice
Mark contributing segments (explainability)
ExplainableHighlights
Summary + highlights
OutputReady
Deliver to user

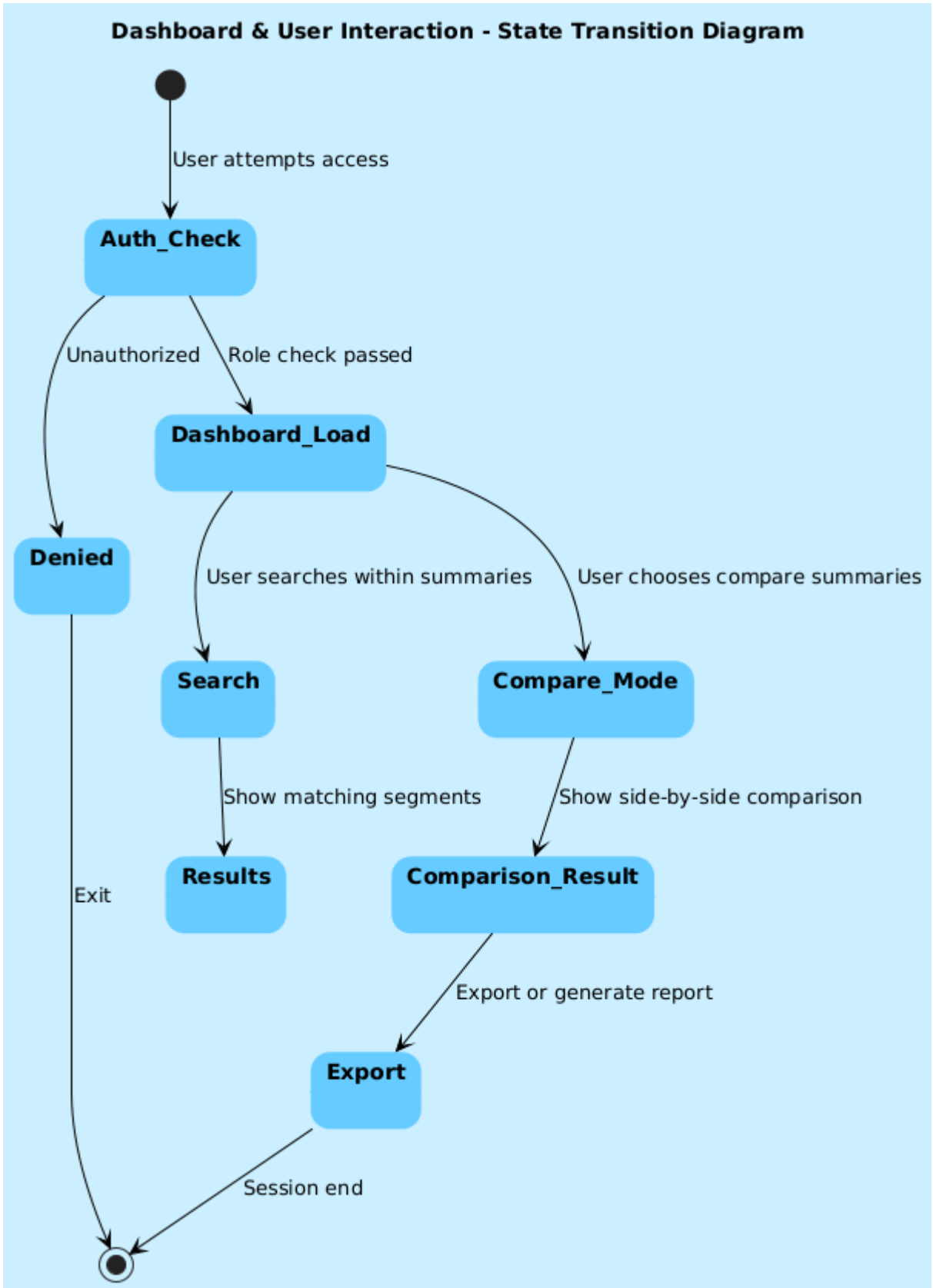
Bias Detection & Highlighting



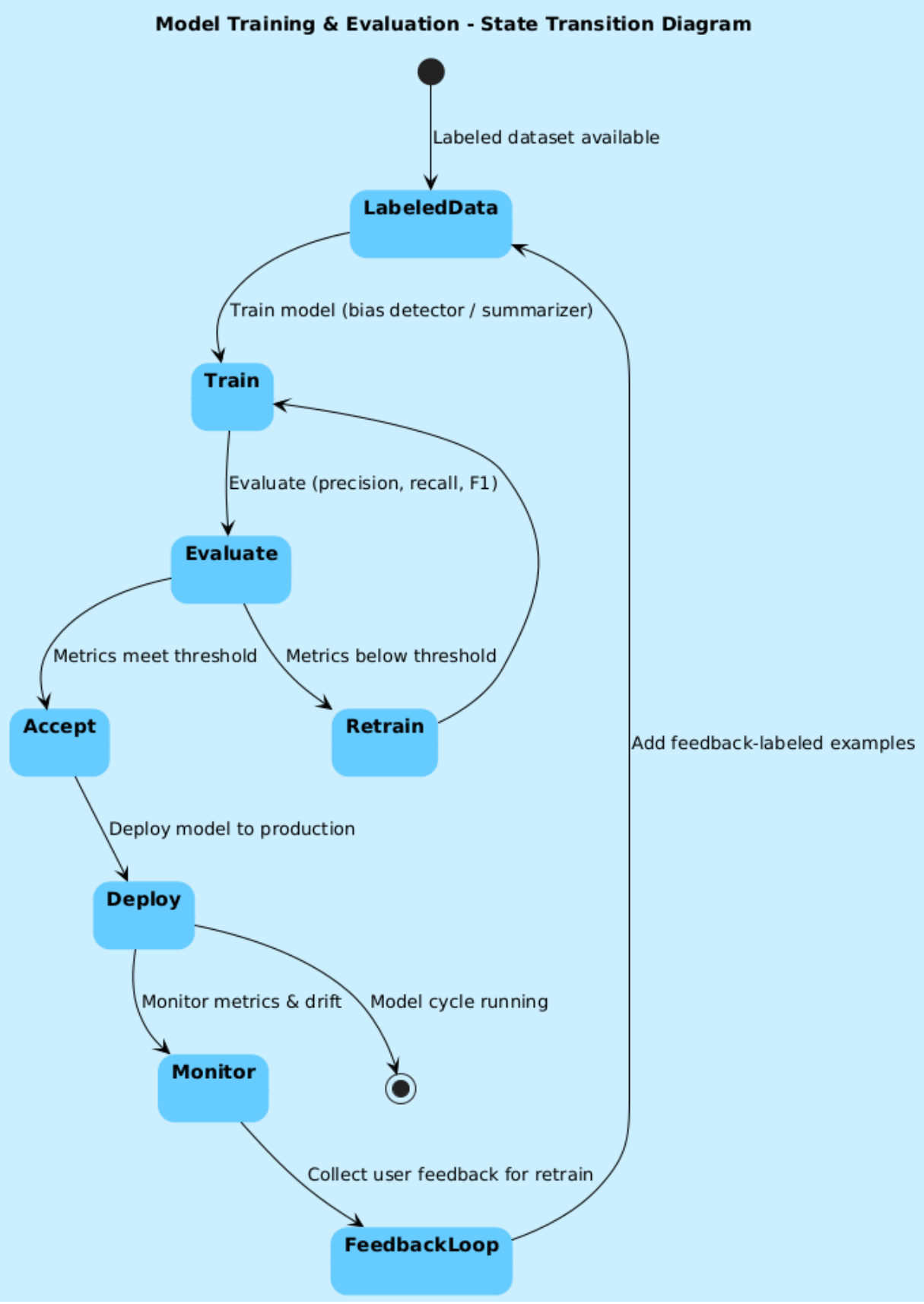
Entity Extraction & Citation Linking



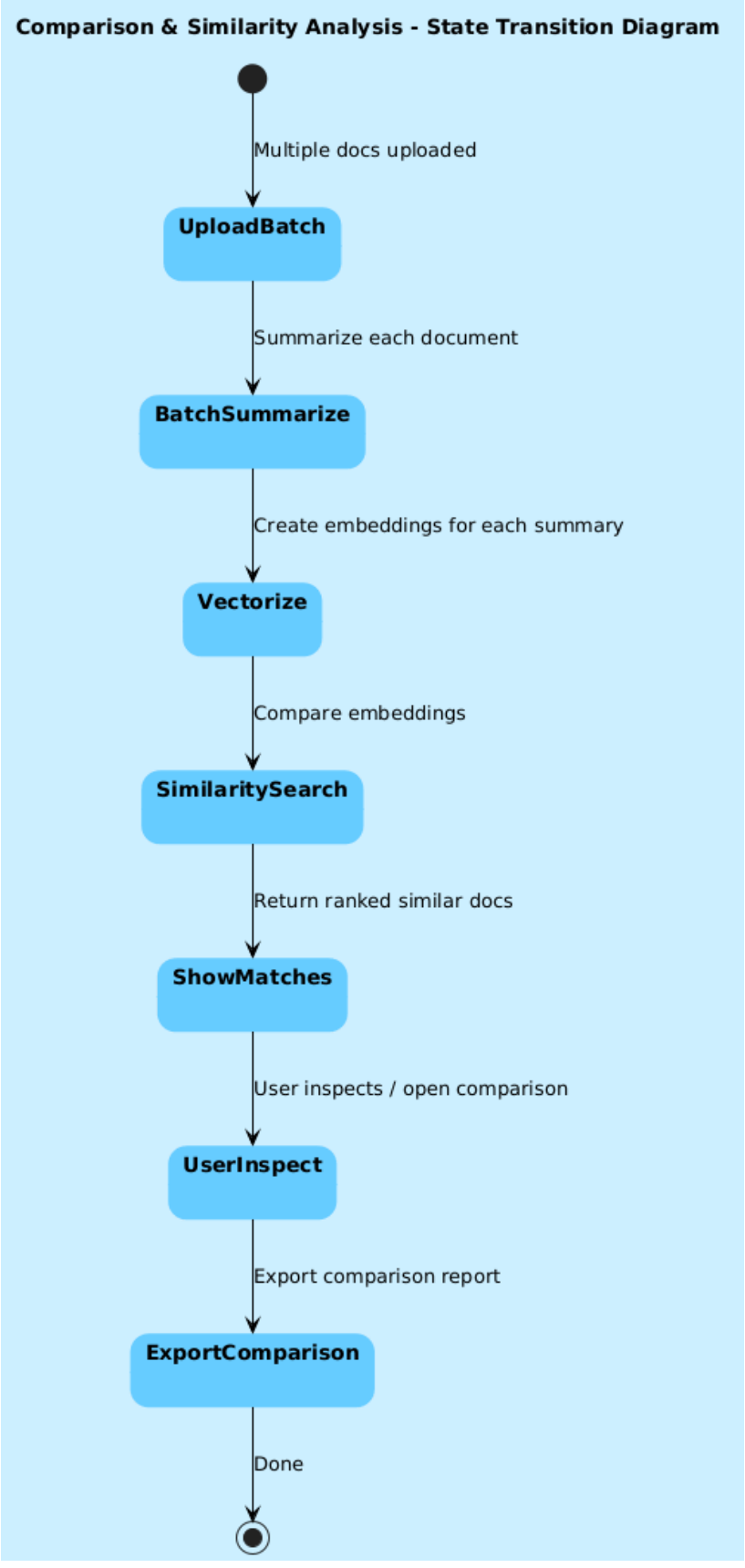
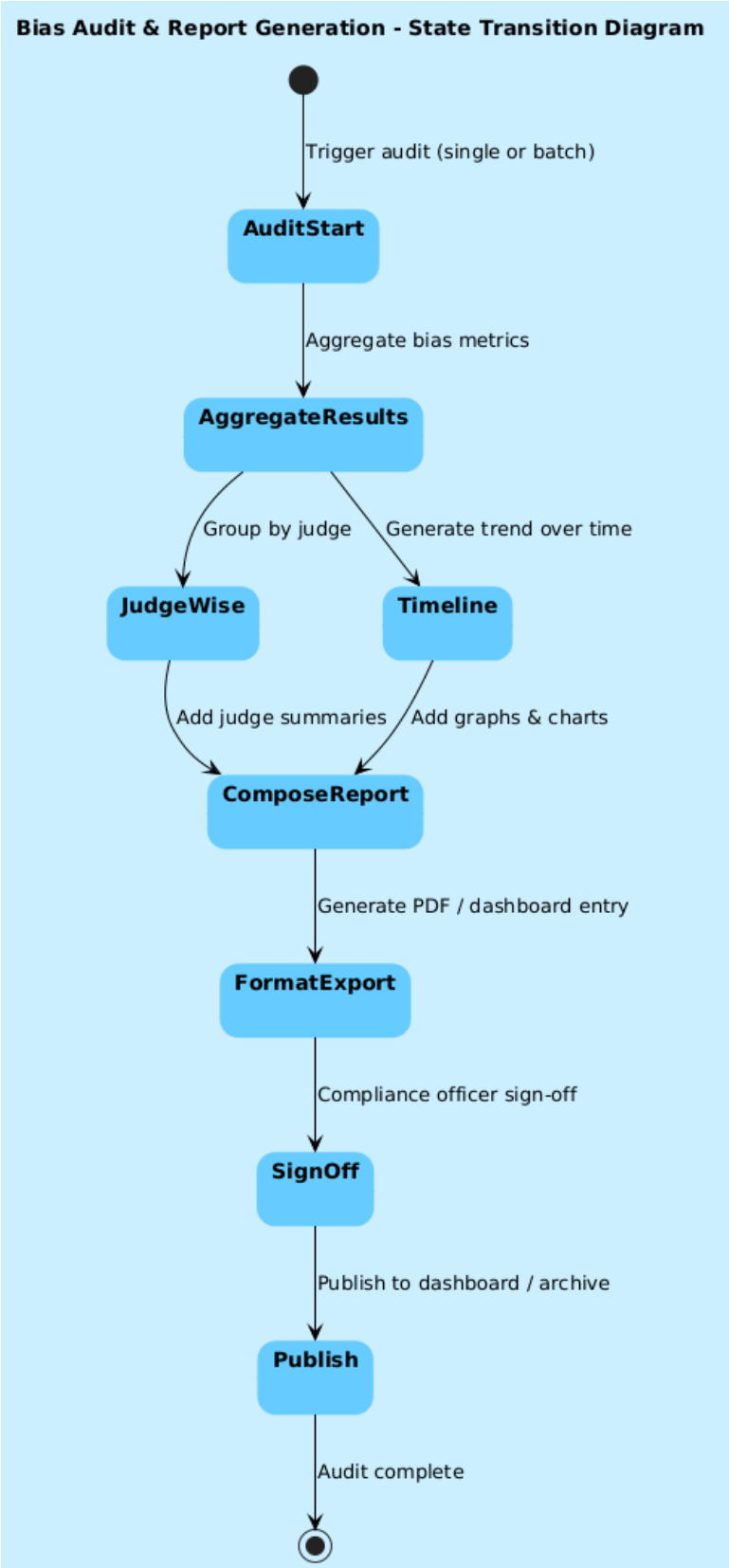
Dashboard & User Interaction



Model Training, Evaluation & Continuous Improvement



Comparison & Similarity Analysis



Audit & Report Generation